

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Hironori OKADO

Application No.: 10/536,456

Filed: June 2, 2005

Docket No.: 124052

For: ANTENNA, DIELECTRIC SUBSTRATE FOR ANTENNA, RADIO COMMUNICATION
CARD

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

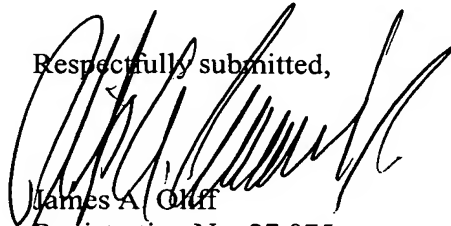
Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. Relevance of references 7, 8, 42, 43, 45, 46, 49, 50 and 52 is discussed in the present specification.
- ☒ 3. The references 6, 33-40, 47 and 48 were cited in the International Search Report. An English language version of the International Search Report is attached for the Examiner's information.
- ☒ 4. In accordance with 37 CFR §1.98(a)(2)(ii), copies of any U.S. patents and patent application publications are not attached.
- ☒ 5. In accordance with the September 21, 2004 Commissioner's Notice, copies of pending U.S. patent applications filed on or after June 30, 2003, or entering the U.S. National Stage after June 30, 2003, are not attached.
- ☒ 6. English language Abstracts of the non-English language references 34-40 and 42-46 are attached hereto.

- ☒ 7. A computer-generated English language translation of the Japanese Patent Publications 35-38, 40, 45 and 46 has been obtained from the website of the Japanese Patent Office ([http://www.jpo.go.jp]), and is attached, but has not been reviewed for accuracy.
- ☒ 8. Co-pending U.S. patent applications are identified on Form PTO 1449 of this Information Disclosure Statement. The Examiner is respectfully requested to consider each cited application and the art cited therein during examination of the present application.
- ☒ 9. Reference 47 cited in the International Search Report corresponds to reference 6 and therefore is not attached. Reference 48 cited in the International Search Report corresponds to reference 33 and therefore is not attached. Reference 41 is cited in a related application.

Respectfully submitted,


James A. Oliff
Registration No. 27,075

Philip A. Caramanica, Jr.
Registration No. 51,528

JAO:PAC/cqc

Date: July 13, 2005

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

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Form PTO-1449

(REV. 8-83)

PATENT & TRADEMARK OFFICE
INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)US Dept. of Commerce
PATENT & TRADEMARK OFFICEATTY DOCKET NO.
124052APPLICATION NO.
10/536,456

APPLICANT Hironori OKADO

FILING DATE June 2, 2005

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1)	10/654,432	09/04/2003	OKADO		
	2)	10/655,304	09/05/2003	OKADO		
	3)	10/657,108	09/09/2003	OKADO		
	4)	10/667,347	09/23/2003	OKADO		
	5)	US 2003/0020668 A1	01/30/2003	PETERSON		
	6)	5,872,546	02/16/1999	IHARA et al.		
	7)	US 2002/0122010 A1	09/05/2002	McCORKLE		
	8)	US 6,351,246 B1	02/26/2002	McCORKLE		
	9)	US 6,515,626 B2	02/04/2003	BARK et al.		
	10)	US 6,720,924 B2	04/13/2004	TOMOMATSU et al.		
	11)	US 2003/0034920 A1	02/20/2003	LEE		
	12)	6,133,879	10/17/2000	GRANGEAT et al.		
	13)	US 2003/0156064 A1	08/21/2003	BANCROFT et al.		
	14)	US 6,603,429 B1	08/05/2003	BANCROFT et al.		
	15)	US 6,707,427 B2	03/16/2004	KONISHI et al.		
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	19)	US 2002/0015000 A1	02/07/2002	REECE et al.		
	20)	US 6,259,416 B1	07/10/2001	QI et al.		
	21)	4,605,012	08/12/1986	RINGEISEN et al.		
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	24)	6,157,344	12/05/2000	BATEMAN et al.		
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	28)	5,532,707	07/02/1996	KLINGER et al.		
	29)	4,151,531	04/24/1979	KALOI		
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Date: July 13, 2005

Form PTO-1449 (REV. 8-83) PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		ATTY DOCKET NO. 124052		APPLICATION NO. 10/536,456		
		APPLICANT Hironori OKADO				
		FILING DATE June 2, 2005				
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	33)	EP 1 198 027 A1	04/17/2002	EUROPE		
	34)	JP U 3008389 w/ abstract	12/21/1994	JAPAN		
	35)	JP A 2001-156532 w/ abst. & trans	06/08/2001	JAPAN		
	36)	JP A 2001-203529 w/ abst. & trans	07/27/2001	JAPAN		
	37)	JP A 2002-319811 w/ abst. & trans	10/31/2002	JAPAN		
	38)	JP A 11-27026 w/ abstract & trans	01/29/1999	JAPAN		
	39)	JP U 5-76109 w/ abstract	10/15/1993	JAPAN		
	40)	JP A 2001-217632 w/ abst. & trans	08/10/2001	JAPAN		
	41)	JP 31-709	1/31/1921	JAPAN		
	42)	JP A 55-4109 w/ abstract	01/12/1980	JAPAN		
	43)	JP A 57-142003 w/ abstract	09/02/1982	JAPAN		
	44)	JP A 63-275204 w/ abstract	11/11/1988	JAPAN		
	45)	JP A 8-213820 w/ abstract & trans	08/20/1996	JAPAN		
	46)	JP A 2001-203521 w/ abst. & trans	07/27/2001	JAPAN		
	47)	JP A 9-223921	08/26/1997	JAPAN		
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	50)	Ihara et al., "Broadband Characteristics of Semi-Circular Antenna Combined with Linear Element," General Convention of The Institute of Electronics, Information and Communication Engineers, pp. 77, 1996				
	51)	Ihara et al., "A Small Broadband Antenna with Rounded Semi-Circular Element," Society Conference of The Institute of Electronics, Information and Communication Engineers, pp. 78, 1996				
	52)	Honda, "Wideband Monopole Antenna of Circular Disc," ITBJ Technical Report, Vol. 15, No., 59, pp. 25-30, October 1991				
EXAMINER				DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

Date: July 13, 2005